

## CLAIMS

What is claimed is:

1. A sport helmet consisting of a shell having a body and front portion, rear and fabric web retention straps.
2. A helmet retention system with adjustable protective trauma devices under chin and under occipital protuberance area.
3. A helmet in claim 1, where a concave under chin oval trauma device embodiment is fastened by Velcro opposite ends means to chinstrap adjustable assembly of protective helmet which has chinstrap fastening means.
4. A protective trauma device which has Velcro opposite ends fastening means, as in claim 3 to secure in proper position under chin.
5. A chinstrap protective device provides a shock absorbing cushion in the downward trauma compression of chin into chest area, which causes cervical spinal damage.
6. A horizontal Velcro strap with attached protective trauma device, which is curved, concave to shape of neck to fit under occipital protuberance of helmet wearer.
7. The horizontal Velcro strap has opposite sides Velcro fastening means to attach to rear distal Y lateral straps of helmet in claim 1.
8. A horizontal strap with protective trauma device positioned under the occipital protuberance to protect cervical spine in the backward trauma flexion of the head.
9. Horizontal Velcro strap provides for longitudinal pressure applied across the posterior portion of neck just under occipital protuberance to provide a secure fit of helmet on wears head.

10. Protective trauma device provides for a shock absorbing cushion as in claim 5 and 7, and reliable positioned alternative to injury.

11 . A protective trauma device made of plastic, rubber, polyethylene, semi rigid, elastic material.

12. A material of sufficient strength and elasticity to absorb trauma impact.

13. Protective trauma device can be made an integral part of retention system of claim 1.

14. The scope of the invention should be determined by the appended claims and their legal equivalents. Present invention has many specificities and should not be construed as limiting the scope of invention, but to provide illustrations of some of the presently preferred embodiments of this invention.